

## Programme Regulations: 2025/26

**Programme Title: Degree of Master of Science in Drug Chemistry - Code: 5099F/P\***

Notes:

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (ii) *All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years, and they are listed subject to availability.*
- (iii) *A compulsory module is a module which a student must take.*
- (iv) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*
- (v) *\*5099P is withdrawn from entry with effect from September 2025.*

### 1. Programme structure

- (a) The programme is available for study in both full-time and part-time modes.
- (b) The period of study for full-time mode shall be one year starting in September. The maximum period of study for part-time mode shall normally be 2 years starting in September.
- (c) NES8813 Research Project (20 credits in Semester 2 and 60 credits in Semester 3) will begin once suitable training has been received and appropriate modules completed in Semester 1.
- (d) The programme comprises modules to a credit value of 180.
- (e) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits S1	Credits S2	Credits S3	Level	Mode
NES8801	Modern Methods in Chemical Biology and Drug Discovery	20	20			7	
NES8802	Drug Metabolism and Toxicology	10	10			7	
NES8803	Theory and Practice of Chemotherapy	20		20		7	
NES8804	Proteins as Drug Targets: structure, function, and molecular modelling	10	10			7	
NES8808	Synthetic Methodology for Drugs	20	20			7	
NES8813	Research Dissertation Project in Chemistry	80		20	60	7	
NES8814	Research Skills and Development	20	10	10		7	

- (f) Candidates who graduated from Chemistry UG courses at Newcastle University will take the following modules replacing NES8802 and NES8803:

Code	Descriptive title	Total Credits	Credits S1	Credits S2	Credits S3	Level	Mode
NES8809	Biopharmaceuticals as Therapeutics	10		10		7	
NES8810	Recent Advances in Chemistry Research	20	10	10		7	

- (g) After consultation with the Degree Programme Director, candidates with a very strong background in Organic Chemistry may replace NES8808 by taking more specialist modules.

### 2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.